

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☒**APPLICATION FOR PERMIT TO DRILL****1. WELL NAME and NUMBER**

Federal 15-25-8-15

**2. TYPE OF WORK**DRILL NEW WELL ☒ REENTER P&A WELL ☐ DEEPEN WELL ☐**3. FIELD OR WILDCAT**

UNDESIGNATED

**4. TYPE OF WELL**

Oil Well Coalbed Methane Well: NO

**5. UNIT or COMMUNITIZATION AGREEMENT NAME****6. NAME OF OPERATOR**

NEWFIELD PRODUCTION COMPANY

**7. OPERATOR PHONE**

435 646-4825

**8. ADDRESS OF OPERATOR**

Rt 3 Box 3630 , Myton, UT, 84052

**9. OPERATOR E-MAIL**

mcrozier@newfield.com

**10. MINERAL LEASE NUMBER  
(FEDERAL, INDIAN, OR STATE)**

UTU-67168

**11. MINERAL OWNERSHIP**FEDERAL ☒ INDIAN ☐ STATE ☐ FEE ☐**12. SURFACE OWNERSHIP**FEDERAL ☒ INDIAN ☐ STATE ☐ FEE ☐**13. NAME OF SURFACE OWNER (if box 12 = 'fee')****14. SURFACE OWNER PHONE (if box 12 = 'fee')****15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')****16. SURFACE OWNER E-MAIL (if box 12 = 'fee')****17. INDIAN ALLOTTEE OR TRIBE NAME  
(if box 12 = 'INDIAN')****18. INTEND TO COMMINGLE PRODUCTION FROM  
MULTIPLE FORMATIONS**YES ☐ (Submit Commingling Application) NO ☒**19. SLANT**VERTICAL ☒ DIRECTIONAL ☐ HORIZONTAL ☐**20. LOCATION OF WELL****FOOTAGES****QTR-QTR****SECTION****TOWNSHIP****RANGE****MERIDIAN****LOCATION AT SURFACE**

660 FSL 1983 FEL

SWSE

25

8.0 S

15.0 E

S

**Top of Uppermost Producing Zone**

660 FSL 1983 FEL

SWSE

25

8.0 S

15.0 E

S

**At Total Depth**

660 FSL 1983 FEL

SWSE

25

8.0 S

15.0 E

S

**21. COUNTY**

DUCHESNE

**22. DISTANCE TO NEAREST LEASE LINE (Feet)**

660

**23. NUMBER OF ACRES IN DRILLING UNIT**

40

**25. DISTANCE TO NEAREST WELL IN SAME POOL  
(Applied For Drilling or Completed)**

1264

**26. PROPOSED DEPTH**

MD: 6445 TVD: 6445

**27. ELEVATION - GROUND LEVEL**

5744

**28. BOND NUMBER**

WYB000493

**29. SOURCE OF DRILLING WATER /  
WATER RIGHTS APPROVAL NUMBER IF APPLICABLE**

43-7478

**ATTACHMENTS****VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES**

WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER



COMPLETE DRILLING PLAN



AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)



FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER

DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY  
DRILLED)

TOPOGRAPHICAL MAP

**NAME** Mandie Crozier**TITLE** Regulatory Tech**PHONE** 435 646-4825**SIGNATURE****DATE** 06/16/2009**EMAIL** mcrozier@newfield.com**API NUMBER ASSIGNED**  
43013500510000**APPROVAL**

Permit Manager

Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Prod	7.875	5.5	0	6445		
Pipe	Grade	Length	Weight			
	Grade J-55 LT&C	6445	15.5			

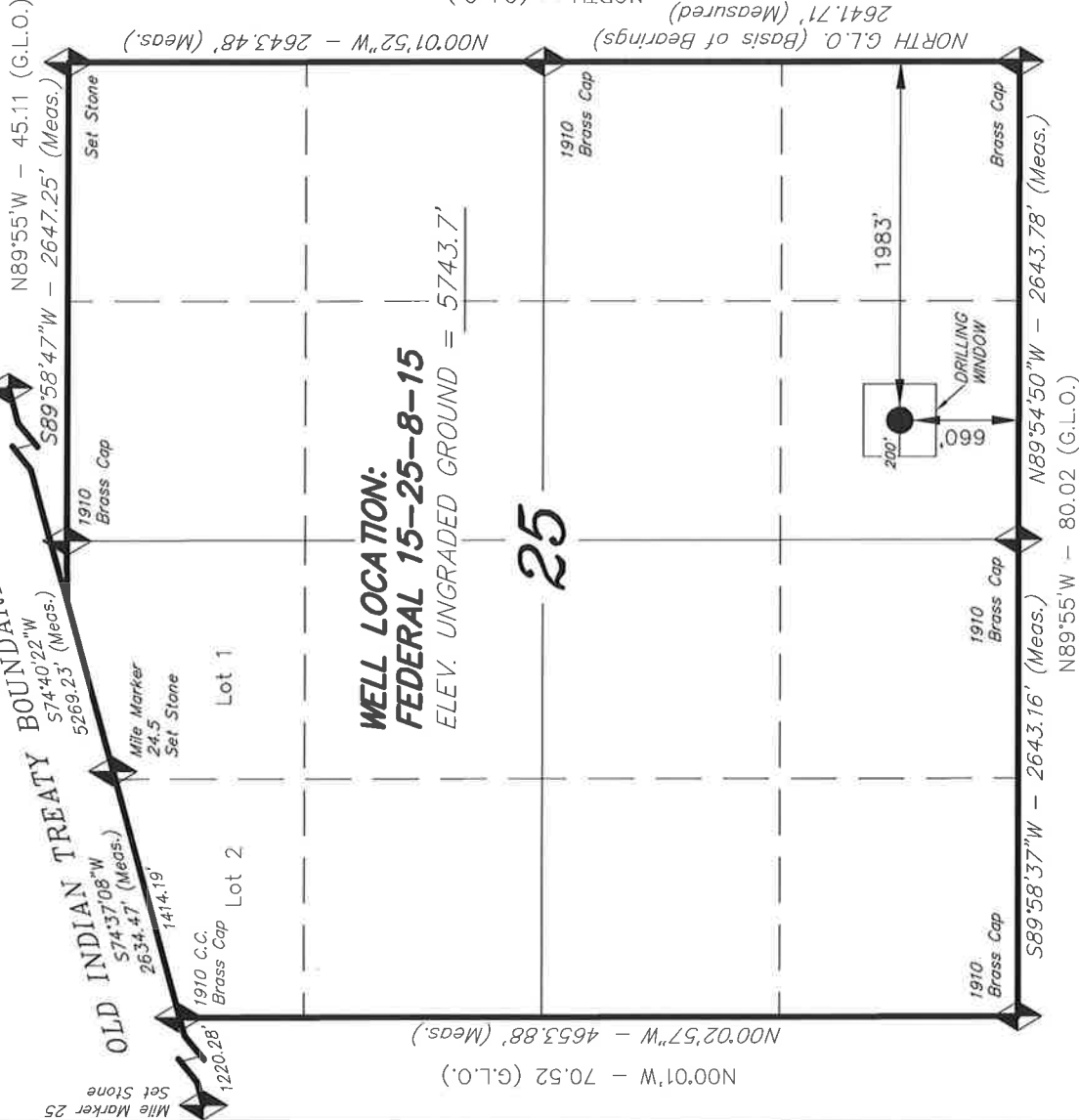
Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Surf	12.25	8.625	0	290		
Pipe	Grade	Length	Weight			
	Grade J-55 ST&C	290	24.0			

# T8S, R15E, S.L.B.&M.

Mile Marker 23 1/2

Set Stone

OLD INDIAN TREATY BOUNDARY



WELL LOCATION:

FEDERAL 15-25-8-15

ELEV. UNGRADED GROUND = 5743.7'

25

NORTH G.L.O. (Basis of Bearings)

2641.71' (Measured)

N00°01'52\"W - 2643.48' (Meas.)

NORTH - (G.L.O.)

1983'

200'

6.60'

DRILLING WINDOW

N89°54'50\"W - 2643.78' (Meas.)

N89°55'W - 80.02 (G.L.O.)

1910 Brass Cap

1910 Brass Cap

1910 Brass Cap

1910 Brass Cap

1910 Brass Cap

FEDERAL 15-25-8-15  
(Surface Location) NAD 83  
LATITUDE = 40° 05' 00.69\"  
LONGITUDE = 110° 10' 41.20\"

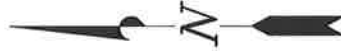
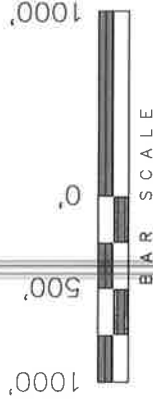
◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;

U.S.G.S. 7-1/2 min QUAD (MYTON SW)

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, FEDERAL 15-25-8-15,  
LOCATED AS SHOWN IN THE SW 1/4 SE  
1/4 OF SECTION 25, T8S, R15E,  
S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE SET WAS  
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF. No. 189377

STACY W.

REGISTERED LAND SURVEYOR

REGISTRATION NO.

STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078

(435) 781-2501

DATE SURVEYED:

11-08-08

SURVEYED BY: T.H.

DATE DRAWN:

11-17-08

DRAWN BY: M.W.

REVISED:

SCALE: 1" = 1000'

**NEWFIELD PRODUCTION COMPANY  
FEDERAL 15-25-8-15  
SW/SE SECTION 25, T8S, R15E  
DUCHESNE COUNTY, UTAH**

**ONSHORE ORDER NO. 1**

**DRILLING PROGRAM**

**1. GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

**2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta                    0' – 1565'  
Green River            1565'  
Wasatch                6445'  
Base of Moderately Saline Ground Water @ 275'

**3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation 1565' – 6445' - Oil

**4. PROPOSED CASING PROGRAM**

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

**5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

Please refer to the Monument Butte Field SOP. See Exhibit "C".

**6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

Please refer to the Monument Butte Field SOP.

**7. AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Please refer to the Monument Butte Field SOP.

**8. TESTING, LOGGING AND CORING PROGRAMS:**

Please refer to the Monument Butte Field SOP.

**9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

**10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

Please refer to the Monument Butte Field SOP.

## 2-M SYSTEM

Blowout Prevention Equipment Systems

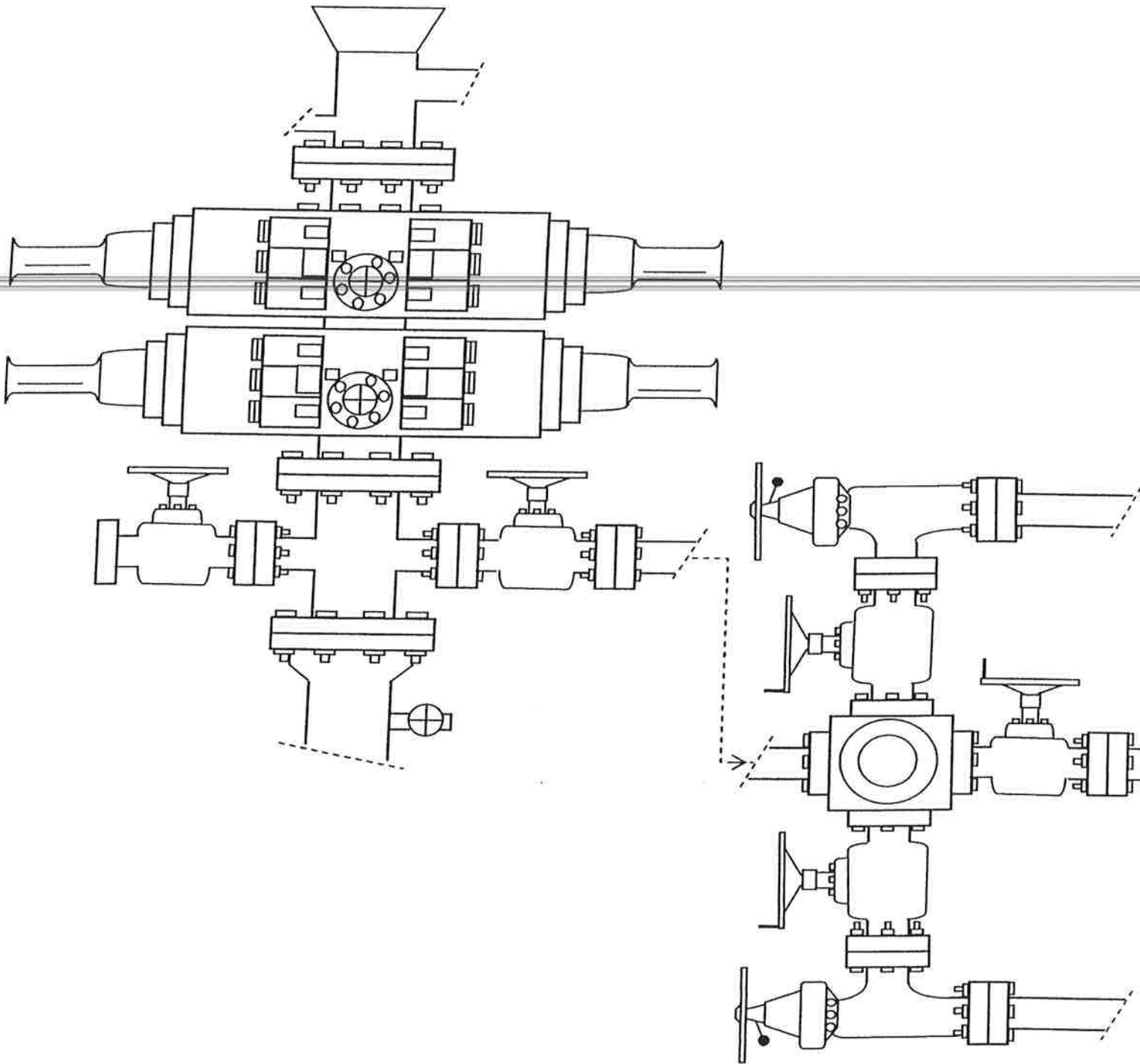


EXHIBIT C

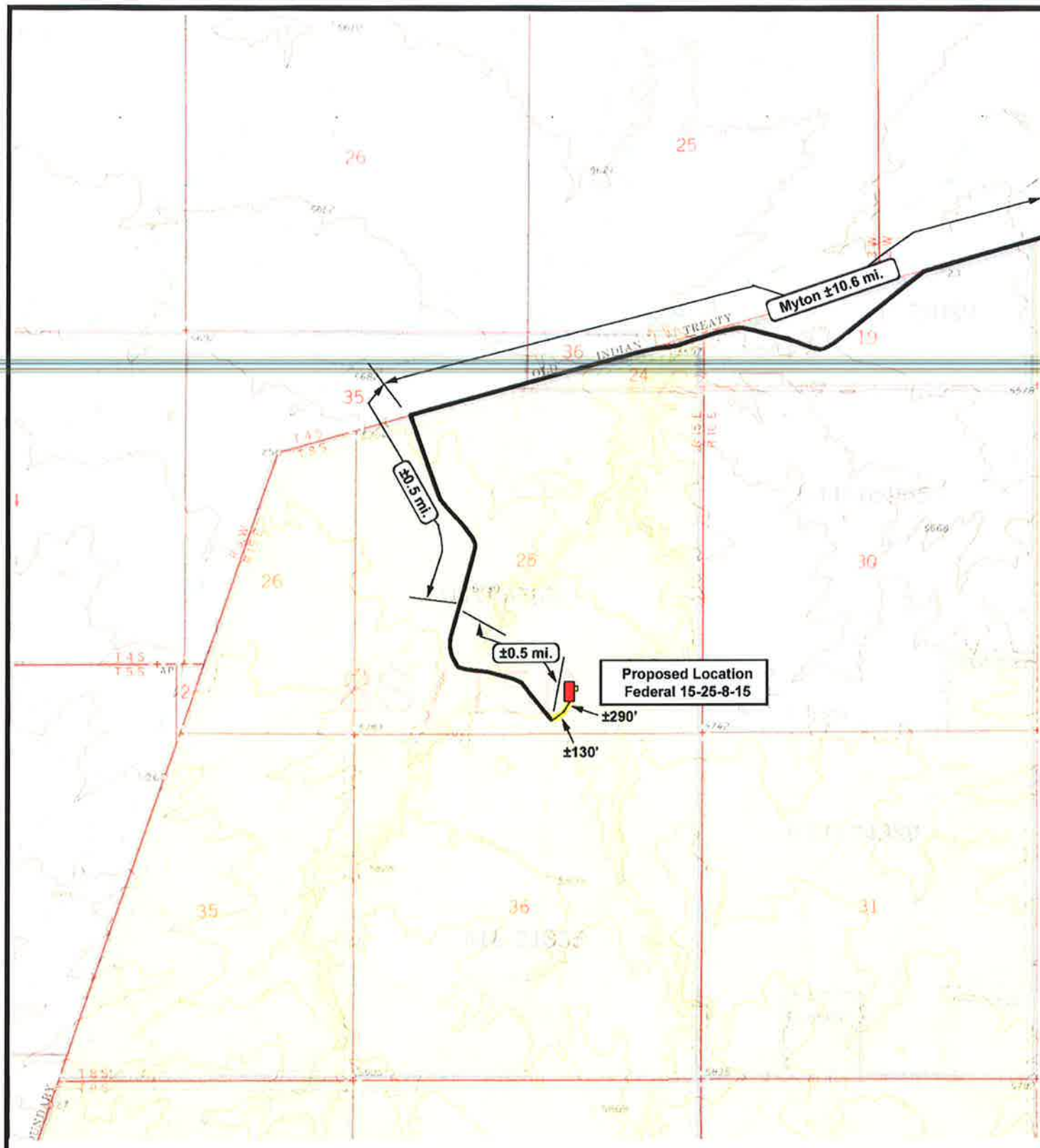





DATE: 12-03-2008

### Proposed Access

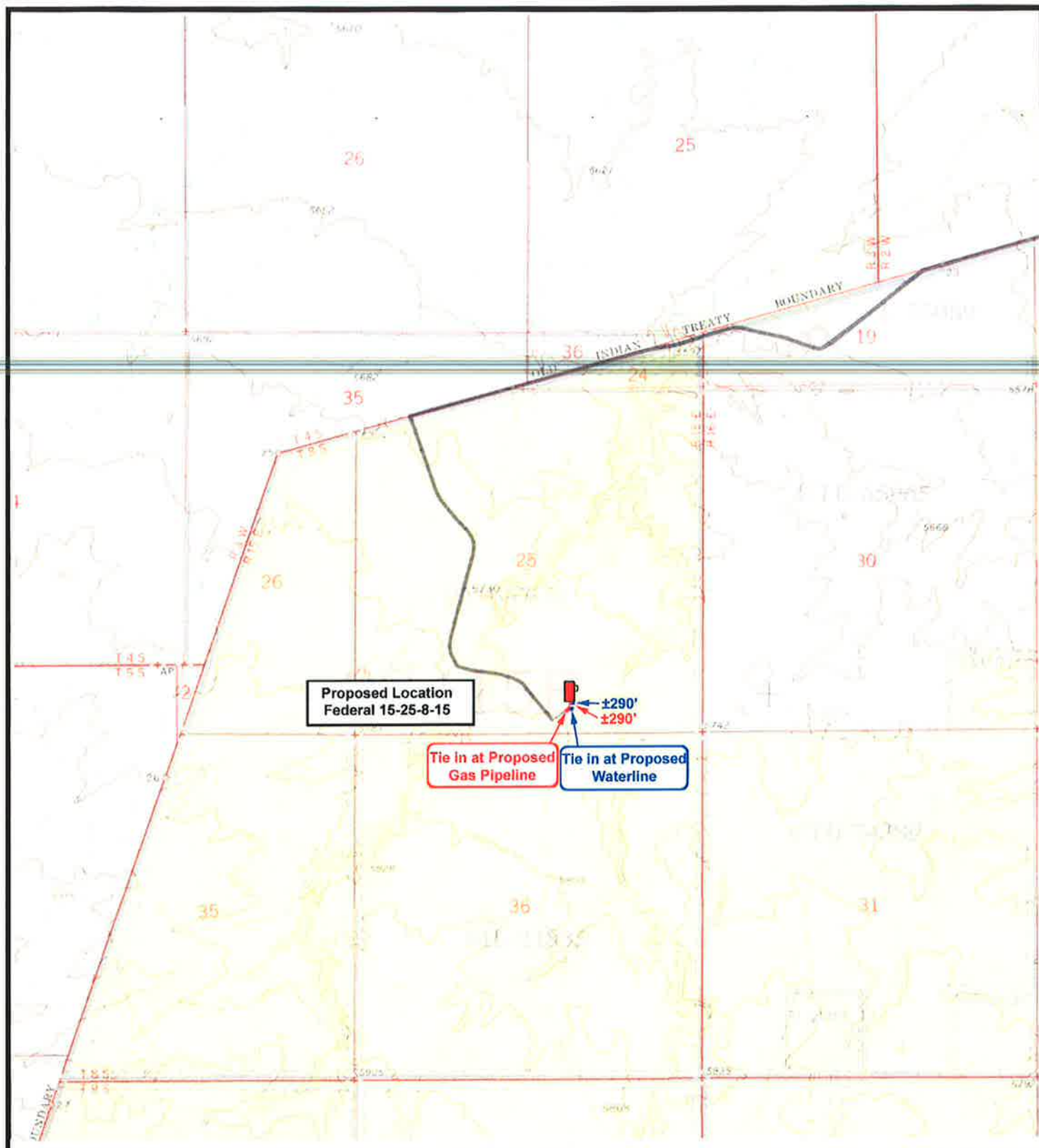
"A"





 <p><b>NEWFIELD</b> Exploration Company</p>		 <p><b>Tri-State</b> Land Surveying Inc. (435) 781-2501 180 North Vernal Ave. Vernal, Utah 84078</p>	<p><b>Legend</b></p>
<p><b>Federal 15-25-8-15</b> <b>SEC. 25, T8S, R15E, S.L.B.&amp;M.</b></p>		<p><b>SCALE: 1" = 2,000'</b></p>	<p>Existing Road Proposed Access</p>
<p><b>DRAWN BY: JAS</b></p>		<p><b>TOPOGRAPHIC MAP</b></p>	
<p><b>DATE: 12-03-2008</b></p>	<p><b>"B"</b></p>		





**NEWFIELD**  
Exploration Company

**Federal 15-25-8-15**  
**SEC. 25, T8S, R15E, S.L.B.&M.**



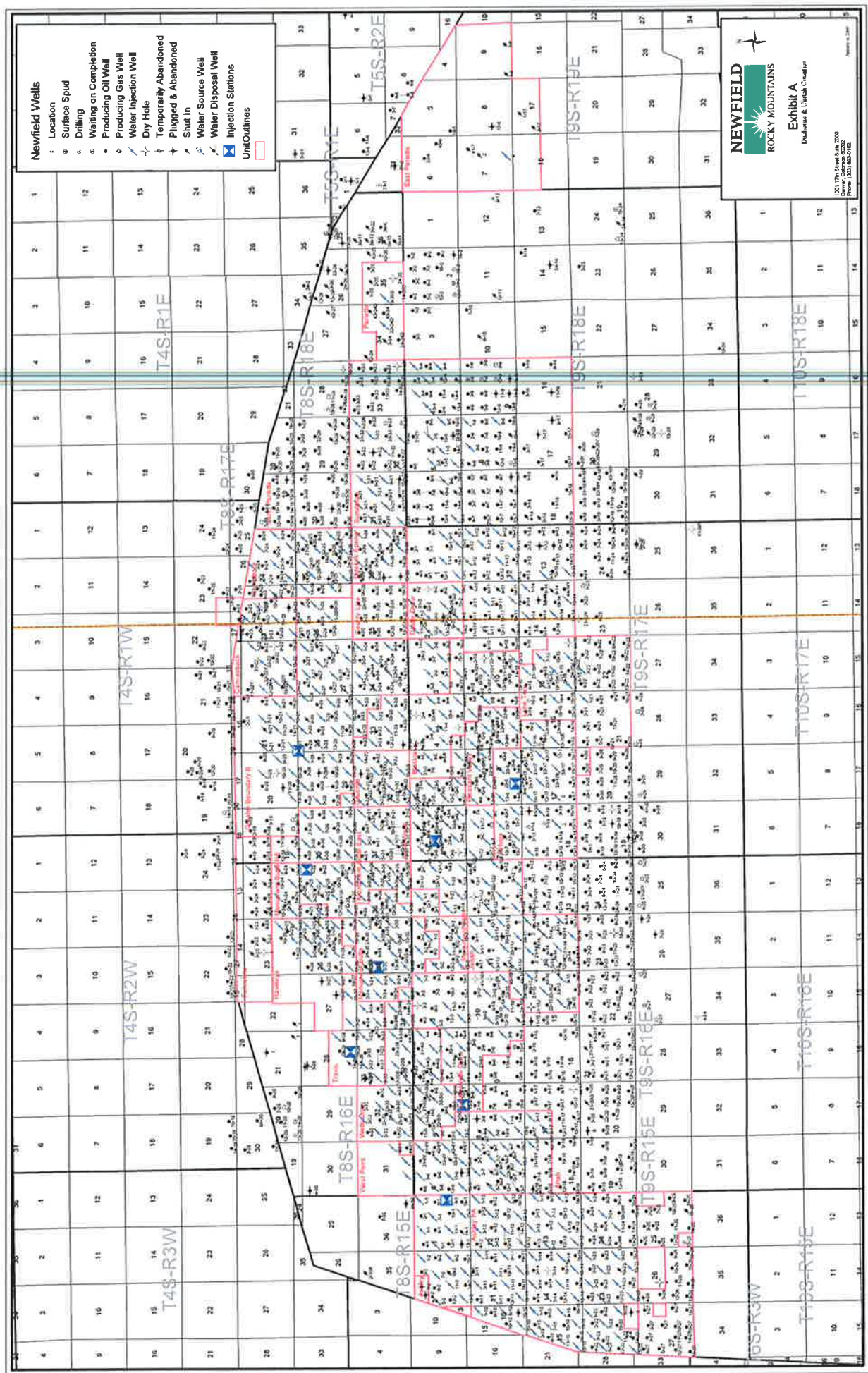
*Tri-State*  
*Land Surveying Inc.*  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

**SCALE: 1" = 2,000'**  
**DRAWN BY: JAS**  
**DATE: 12-03-2008**

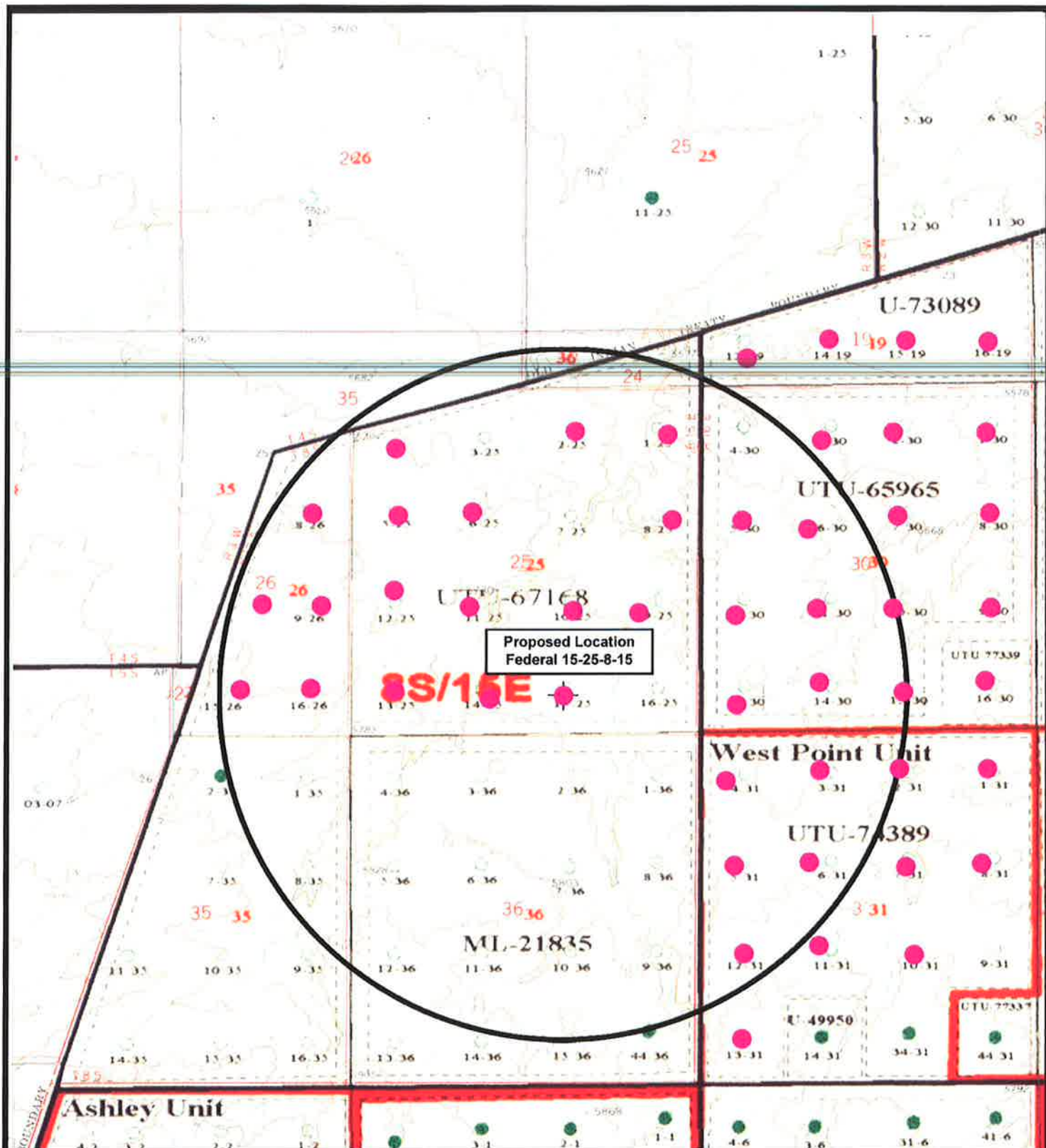
**Legend**  
— Roads  
--- Proposed Gas Line  
--- Proposed Water Line




**TOPOGRAPHIC MAP**

**"C"**





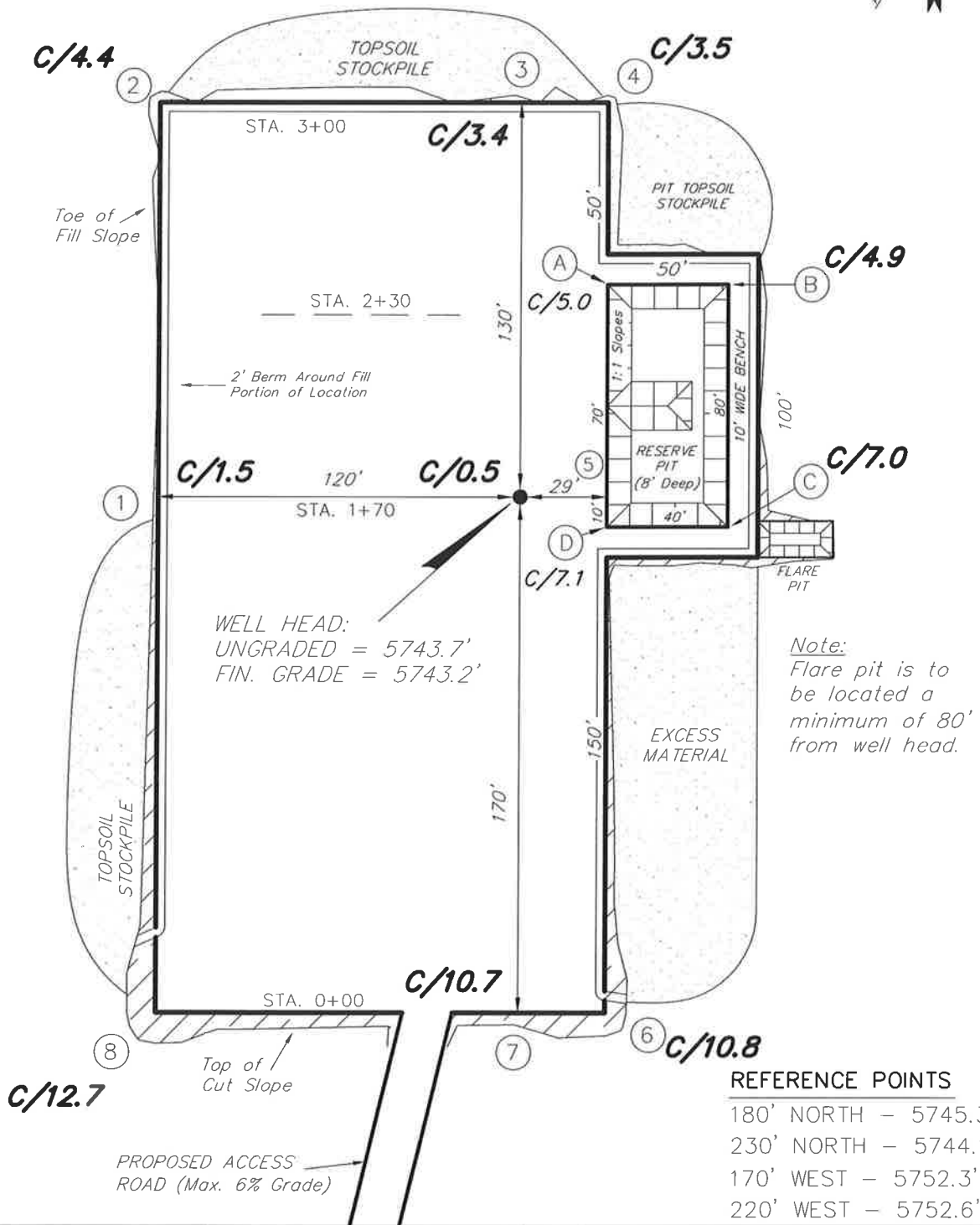


 <p><b>NEWFIELD</b> Exploration Company</p>		 <p><b>Tri-State</b> Land Surveying Inc. (435) 781-2501 180 North Vernal Ave. Vernal, Utah 84078</p>	<p><b>Legend</b></p>
<p><b>Federal 15-25-8-15</b> <b>SEC. 25, T8S, R15E, S.L.B.&amp;M.</b></p>		<p><b>SCALE: 1" = 2,000'</b> <b>DRAWN BY: JAS</b> <b>DATE: 12-03-2008</b></p>	<p>● Pad Location ○ One-Mile Radius</p> <p><b>Exhibit "B"</b></p>

# NEWFIELD PRODUCTION COMPANY

FEDERAL 15-25-8-15

Section 25, T8S, R15E, S.L.B.&M.



## REFERENCE POINTS

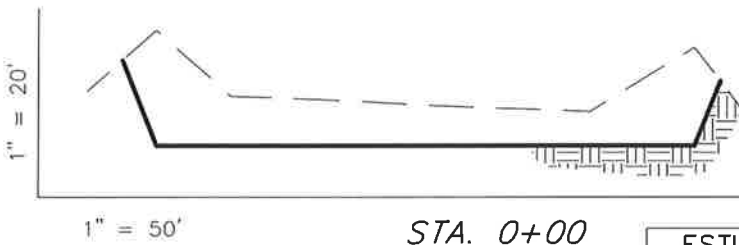
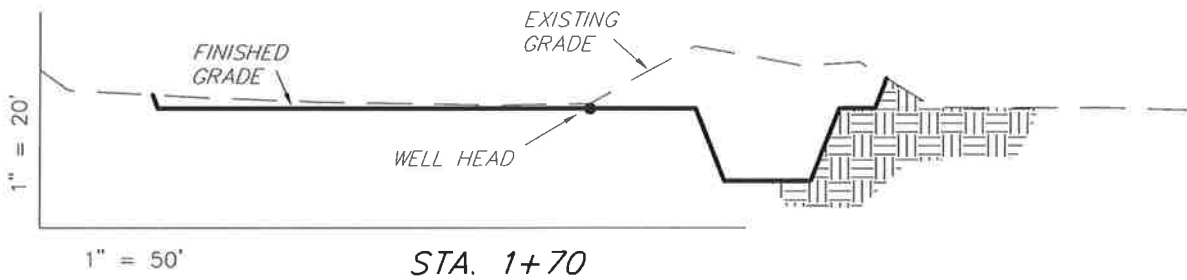
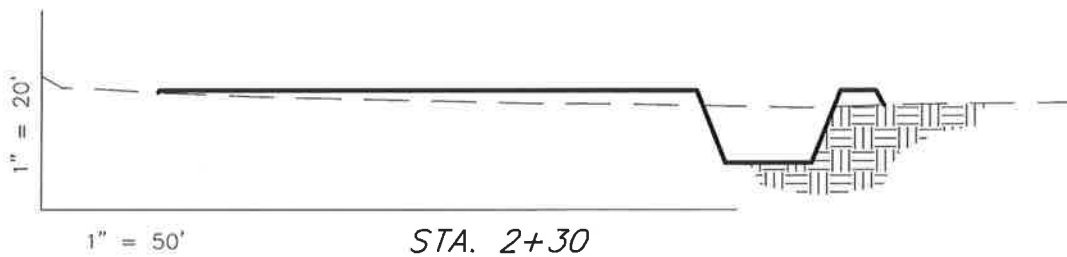
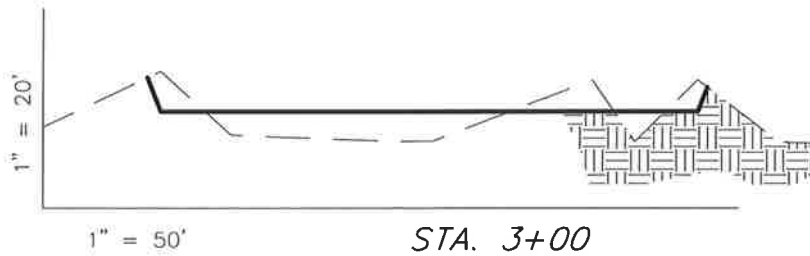
180' NORTH - 5745.3'  
230' NORTH - 5744.1'  
170' WEST - 5752.3'  
220' WEST - 5752.6'

SURVEYED BY: T.H.	DATE SURVEYED: 11-08-08
DRAWN BY: M.W.	DATE DRAWN: 11-17-08
SCALE: 1" = 50'	REVISED:

**Tri State**  
Land Surveying, Inc.  
(435) 781-2501  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# NEWFIELD PRODUCTION COMPANY

## CROSS SECTIONS FEDERAL 15-25-8-15



NOTE:  
UNLESS OTHERWISE NOTED  
CUT SLOPES ARE AT 1:1  
FILL SLOPES ARE AT 1.5:1

### ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

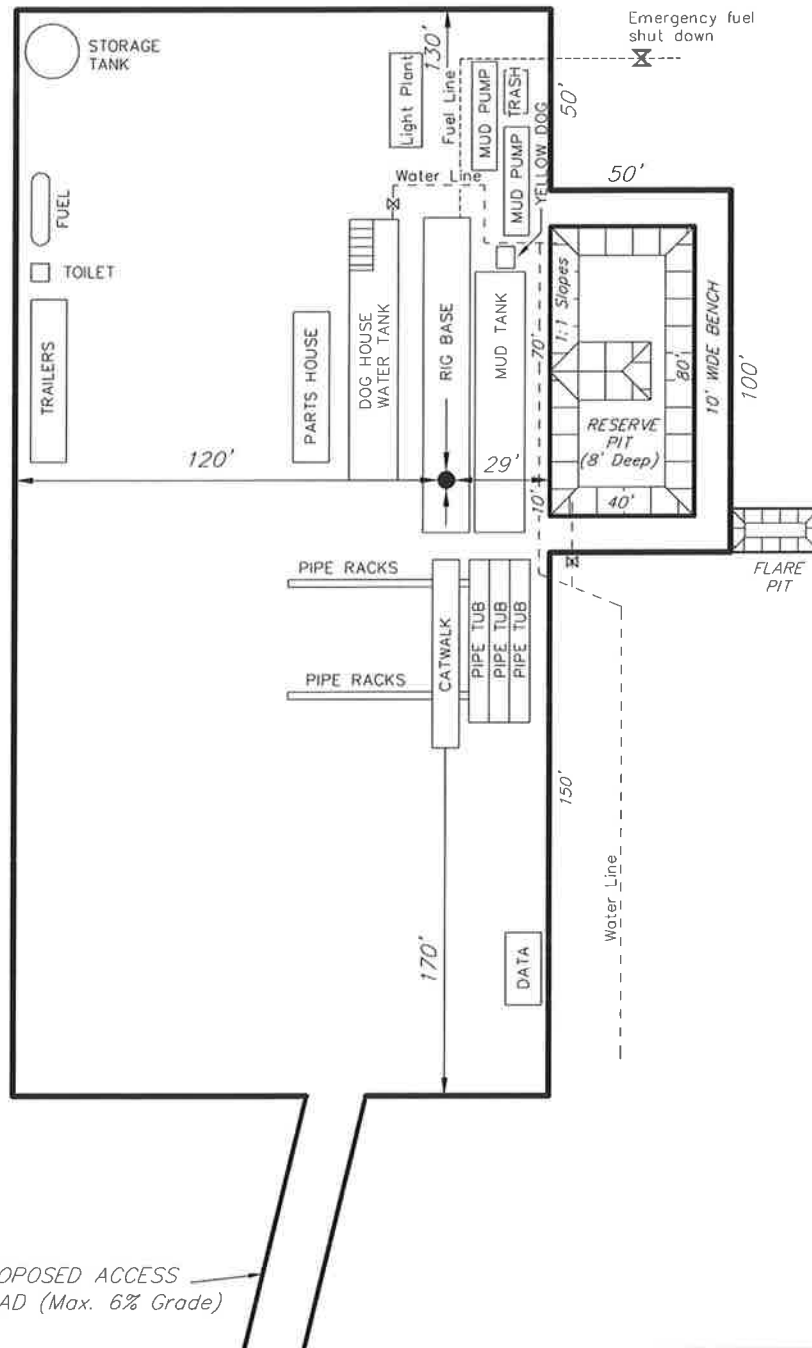
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	2,780	1,170	Topsoil is not included in Pad Cut	1,610
PIT	640	0		640
TOTALS	3,420	1,170	990	2,250

SURVEYED BY: T.H.  
DRAWN BY: M.W.  
SCALE: 1" = 50'

DATE SURVEYED: 11-08-08  
DATE DRAWN: 11-17-08  
REVISED: 06-16-09 JAS

**Tri State**  
Land Surveying, Inc.  
(435) 781-2501  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# *NEWFIELD PRODUCTION COMPANY* *TYPICAL RIG LAYOUT* *FEDERAL 15-25-8-15*



SURVEYED BY: T.H.	DATE SURVEYED: 11-08-08
DRAWN BY: M.W.	DATE DRAWN: 11-17-08
SCALE: 1" = 50'	REVISED: 06-16-09 JAS

**Tri State**  
Land Surveying, Inc.  
(435) 781-2501  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

**NEWFIELD PRODUCTION COMPANY  
FEDERAL 15-25-8-15  
SW/SE SECTION 25, T8S, R15E  
DUCHESNE COUNTY, UTAH**

**ONSHORE ORDER NO. 1**

**MULTI-POINT SURFACE USE & OPERATIONS PLAN**

**1. EXISTING ROADS**

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal 15-25-8-15 located in the SW 1/4 SE 1/4 Section 25, T8S, R15E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southwesterly - 6.4 miles  $\pm$  to it's junction with an existing road to the southwest; proceed southwesterly approximately - 2.8 miles  $\pm$  to it's junction with an existing road to the southeast; proceed in a southeasterly direction - 1.0 miles  $\pm$  to it's junction with the beginning of the proposed access road to the northeast; proceed northeasterly along the proposed access road - 420'  $\pm$  to the proposed well location.

**2. PLANNED ACCESS ROAD**

See Topographic Map "B" for the location of the proposed access road.

**3. LOCATION OF EXISTING WELLS**

Refer to Exhibit "B".

**4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

All permanent surface equipment will be painted Carlsbad Canyon.  
Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

**5. LOCATION AND TYPE OF WATER SUPPLY**

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District  
Water Right : 43-7478

Neil Moon Pond  
Water Right: 43-11787

Maurice Harvey Pond  
Water Right: 47-1358

Newfield Collector Well  
Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

Please refer to the Monument Butte Field SOP. See Exhibit "A".



6. **SOURCE OF CONSTRUCTION MATERIALS**

Please refer to the Monument Butte Field SOP.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

8. **ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

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10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #08-301, 1/26/09. Paleontological Resource Survey prepared by, Wade E. Miller, 3/5/09. See attached report cover pages, Exhibit "D".

Newfield Production Company requests 420' of disturbed area be granted in Lease UTU-67168 to allow for construction of the planned access road. **Refer to Topographic Map "B".** A permanent width of 30' and a running surface of 18' is proposed for the planned access road. The construction phase of the planned access road will last approximately (5) days. The planned access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 290' of disturbed area be granted in Lease UTU-67168 to allow for construction of the proposed surface gas lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a 10" or smaller gas gathering line, and a 3" poly fuel gas line, with a permanent width of 30' upon completion of the proposed gas lines. The construction phase of the proposed gas lines will last approximately (5) days. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests 290' of disturbed area be granted in Lease UTU-67168 to allow for construction of the proposed water lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line, with a permanent width of 30' upon completion of the proposed water return line. The construction phase of the proposed water lines will last approximately (5) days. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP. In the event that the proposed well is converted to a water injection well, a separate injection permit will be applied for through the proper agencies.

### **Water Disposal**

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), State of Utah approved surface disposal facilities, or Federally approved surface disposal facilities.

### **Threatened, Endangered, And Other Sensitive Species**

**Mountain Plover:** If new construction or surface disturbing activities are scheduled to occur between May 15 and June 15, detailed surveys of the area within 0.5 mile of the proposed location and within 300 feet of proposed access routes must be conducted to detect the presence of mountain plovers. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. Surveys must be completed prior to initiating new construction or surface disturbing activities. No new construction or surface disturbing activities will be allowed between May 15 and June 15 within a 0.5 mile radius of any documented mountain plover nest site.

### **Reserve Pit Liner**

A 16 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

### **Location and Reserve Pit Reclamation**

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Squirrell Tail	<i>Elymus Elymoides</i>	6 lbs/acre
Siberian Wheatgrass	<i>Agropyron Fragile</i>	2 lbs/acre
Gardner Saltbush	<i>Atriplex Gardneri</i>	1 lbs/acre
Shadscale	<i>Atriplex Confertifolia</i>	1 lbs/acre
Fourwing Saltbush	<i>Atriplex Canescens</i>	1 lbs/acre
Scarlet Globemallow	<i>Sphaeralcea Conccinea</i>	0.20 lbs/acre
Forage Kochia	<i>Kochia Prostrata</i>	0.20 lbs/acre

### **Details of the On-Site Inspection**

The proposed Federal 15-25-8-15 was on-sited on 12/10/08. The following were present; Tim Eaton (Newfield Production ), Christine Cimiluca (Bureau of Land Management), and James Herford (Bureau of Land Management). Ground cover was 30% open.

### **LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**

#### **Representative**

Name: Dave Allred  
Address: Route #3 Box 3630  
Myton, UT 84052  
Telephone: (435) 646-3721

#### **Certification**

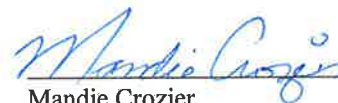
Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #15-25-8-15 SW/SE Section 25, Township 8S, Range 15E: Lease UTU-67168 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the

operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

6/15/09

Date



Mandie Crozier  
Regulatory Specialist  
Newfield Production Company

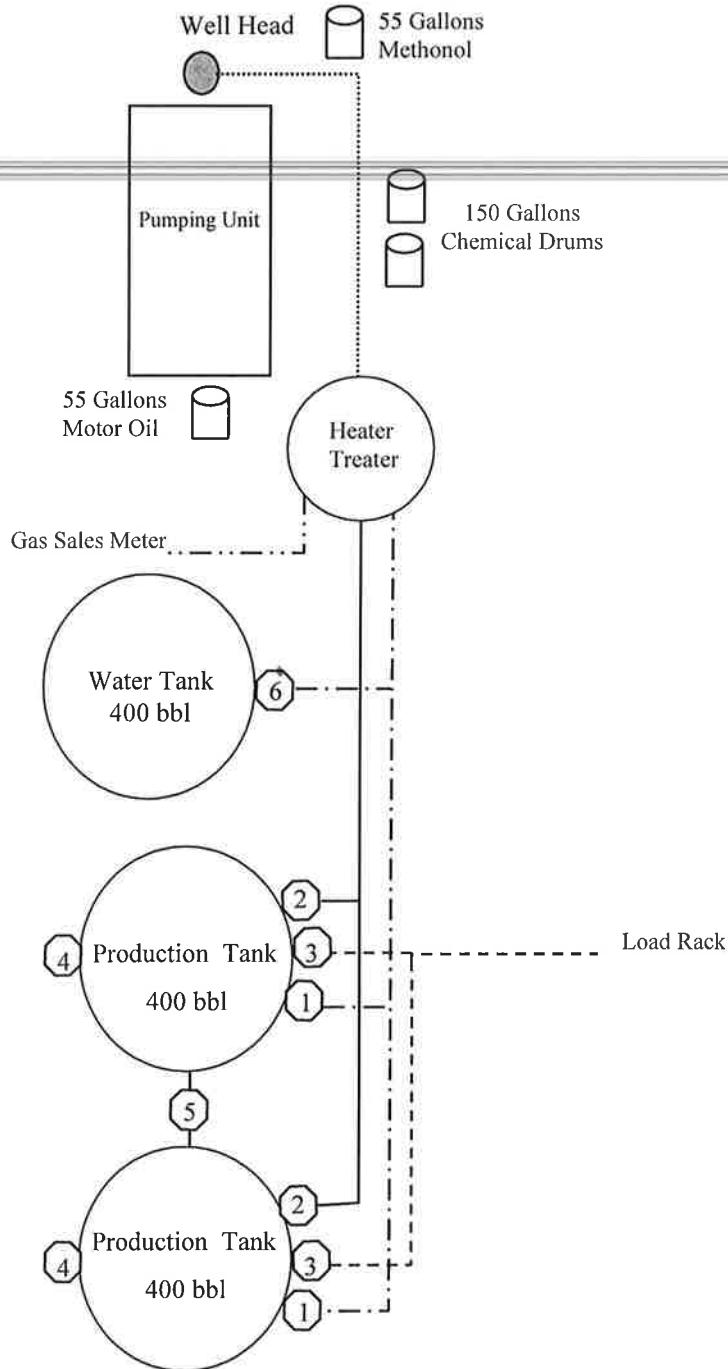
# Newfield Production Company Proposed Site Facility Diagram

Federal 15-25-8-15

SW/SE Sec. 25, T8S, R15E

Duchesne County, Utah

UTU-67168



## Legend

Emulsion Line	.....
Load Rack	-----
Water Line	- . - . - .
Gas Sales	- . - . - .
Oil Line	—————

## Production Phase:

- 1) Valves 1, 3, and 4 sealed closed
- 2) Valves 2, 5, and 6 sealed open

## Sales Phase:

- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

## Draining Phase:

- 1) Valves 1 and 6 open

CULTURAL RESOURCE INVENTORY OF  
NEWFIELD EXPLORATION'S FOUR BLOCK PARCELS  
(T8S, R15E, SECTIONS 25, 26, 35, AND 36)  
DUCHESNE COUNTY, UTAH

Exhibit "D"  
1 of 2

By:

Nicole Shelnut

Prepared For:

Bureau of Land Management  
Vernal Field Office  
and  
School & Institutional  
Trust Lands Administration

Prepared Under Contract With:

Newfield Exploration Company  
Rt. 3 Box 3630  
Myton, UT 84052

Prepared By:

Montgomery Archaeological Consultants, Inc.  
P.O. Box 219  
Moab, Utah 84532

MOAC Report No. 08-301

January 26, 2009

United States Department of Interior (FLPMA)  
Permit No. 08-UT-60122

State of Utah Antiquities Project (Survey)  
Permit No. U-08-MQ-1227b,s

**NEWFIELD EXPLORATION COMPANY**

**PALEONTOLOGICAL SURVEY OF PROPOSED  
PRODUCTION DEVELOPMENT AREAS,  
DUCHESNE & UINTAH COUNTIES, UTAH  
(Includes Water Pipeline Surveys)**

Section 36 [Entire Section, excluding SW 1/4, NE 1/4 & SE 1/4, SE 1/4 (7 & 16-36-8-15)];  
Section 25 [Entire Section]; Section 26 [SE 1/4, NE 1/4, & SE 1/4 ( 8, 9, 10 ,15 & 16-26-8-15)];  
Section 35 [NE 1/4, SE 1/4 & SW 1/4, NE 1/4 (1, 7 & 8-35-8-15), SE 1/4, NW 1/4 (6-35-8-15),  
NE 1/4 & SE 1/4, SW 1/4 (11 & 14-35-8-15), & SE 1/4 ( 9, 10, 15 & 16-35-8-15)]. NE 1/4 & SE  
1/4, Section 32, T 8 S, R 17 E (11 & 14-32-8-17); NE 1/4, SE 1/4, Section 6, T 9 S, R 19 E (43-  
6-9-19); NE 1/4, SE 1/4, Section 7, T 9 S, R 17 E (43-7-9-17); SE 1/4, SE 1/4, Section 4, T 9 S,  
R 16 E (16-4-9-16)

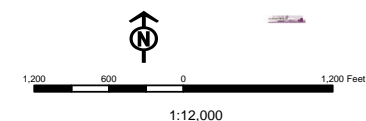
**REPORT OF SURVEY**

Prepared for:

**Newfield Exploration Company**

Prepared by:

Wade E. Miller  
Consulting Paleontologist  
March 5, 2009





# WORKSHEET

## APPLICATION FOR PERMIT TO DRILL

**APD RECEIVED:** 6/16/2009

**API NO. ASSIGNED:** 43013500510000

**WELL NAME:** Federal 15-25-8-15

**OPERATOR:** NEWFIELD PRODUCTION COMPANY (N2695)

**PHONE NUMBER:** 435 646-4825

**CONTACT:** Mandie Crozier

**PROPOSED LOCATION:** SWSE 25 080S 150E

**Permit Tech Review:** ☒

**SURFACE:** 0660 FSL 1983 FEL

**Engineering Review:** ☐

**BOTTOM:** 0660 FSL 1983 FEL

**Geology Review:** ☒

**COUNTY:** DUCHESNE

**LATITUDE:** 40.08355

**LONGITUDE:** -110.17738

**UTM SURF EASTINGS:** 570135.00

**NORTHINGS:** 4437145.00

**FIELD NAME:** UNDESIGNATED

**LEASE TYPE:** 1 - Federal

**LEASE NUMBER:** UTU-67168

**PROPOSED PRODUCING FORMATION(S):** GREEN RIVER

**SURFACE OWNER:** 1 - Federal

**COALBED METHANE:** NO

### RECEIVED AND/OR REVIEWED:

- ☒ **PLAT**
- ☒ **Bond:** FEDERAL - WYB000493
- ☐ **Potash**
- ☐ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ☒ **Water Permit:** 43-7478
- ☐ **RDCC Review:**
- ☐ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

**Commingle Approved**

### LOCATION AND SITING:

- ☐ **R649-2-3.**
- Unit:**
- ☐ **R649-3-2. General**
- ☐ **R649-3-3. Exception**
- ☒ **Drilling Unit**
- Board Cause No:** R649-3-2
- Effective Date:**
- Siting:**
- ☐ **R649-3-11. Directional Drill**

**Comments:** Presite Completed  
IRR SEC:

**Stipulations:** 4 - Federal Approval - dmason  
23 - Spacing - dmason



JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

## State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

### Permit To Drill

\*\*\*\*\*

**Well Name:** Federal 15-25-8-15  
**API Well Number:** 43013500510000  
**Lease Number:** UTU-67168  
**Surface Owner:** FEDERAL  
**Approval Date:** 6/18/2009

#### Issued to:

NEWFIELD PRODUCTION COMPANY , Rt 3 Box 3630 , Myton, UT 84052

#### Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-2. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

#### Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

#### General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

**Notification Requirements:**

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

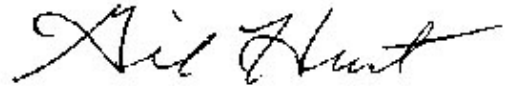
Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 office (801) 733-0983 home

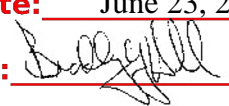
**Reporting Requirements:**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

**Approved By:**

A handwritten signature in black ink, appearing to read "Gil Hunt", with a stylized, cursive script.

Gil Hunt  
Associate Director, Oil & Gas

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-67168			
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>			
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)			
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> Federal 15-25-8-15			
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0660 FSL 1983 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSE Section: 25 Township: 08.0S Range: 15.0E Meridian: S		<b>9. API NUMBER:</b> 43013500510000			
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> UNDESIGNATED			
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH			
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>					
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>				
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 6/18/2010  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input checked="" type="checkbox"/> APD EXTENSION          OTHER:       </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER:
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<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>  Newfield proposes to extend the application permit to drill this well for one year.					
<b>Approved by the Utah Division of Oil, Gas and Mining</b>  <b>Date:</b> June 23, 2010 <b>By:</b> 					
<b>NAME (PLEASE PRINT)</b> Mandie Crozier		<b>PHONE NUMBER</b> 435 646-4825			
<b>SIGNATURE</b> N/A		<b>TITLE</b> Regulatory Tech  <b>DATE</b> 6/16/2010			



## The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

### Request for Permit Extension Validation Well Number 43013500510000

**API:** 43013500510000

**Well Name:** Federal 15-25-8-15

**Location:** 0660 FSL 1983 FEL QTR SWSE SEC 25 TWP 080S RNG 150E MER S

**Company Permit Issued to:** NEWFIELD PRODUCTION COMPANY

**Date Original Permit Issued:** 6/18/2009

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☐ Yes ☒ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

**Signature:** Mandie Crozier

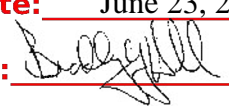
**Date:** 6/16/2010

**Title:** Regulatory Tech **Representing:** NEWFIELD PRODUCTION COMPANY

**Date:** June 23, 2010

**By:**

**RECEIVED** June 16, 2010

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**Approved by the  
Utah Division of  
Oil, Gas and Mining**

**Signature:** Mandie Crozier

**Date:** 6/16/2010

**Title:** Regulatory Tech **Representing:** NEWFIELD PRODUCTION COMPANY

**Date:** June 23, 2010

**By:**

**RECEIVED** June 16, 2010



Spud

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration

Rig Name/# Ross #29

Submitted By Mitch Benson

Phone Number (435) 823-5885

Name/Numer FEDERAL 15-25-8-15

Qtr/Qrt SW/SE Section 25 Township 8S Range 15E

Lease Serial Number UTU-67168

API Number 43-013-50051

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 10/19/2010 8:00:00 AM

Casing – Please report time casing run starts, not cementing times.

- ☒ Surface Casing
- ☐ Intermediate
- ☐ Production Casing
- ☐ Liner
- ☐ Other

Date/Time 10/19/2010 2:00:00 PM

Remarks:

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM -FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY  
ADDRESS: RT. 3 BOX 3630  
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999		4301350306	ALLEN TRUST 1-24-4-2	NENE	24	4S	2W	DUCHESNE	10/10/2010	
WELL 1 COMMENTS: Duplicate - processed 10/12/10											
A	99999		4301350377	UTE TRIBAL 9-14-4-3	NESE	14	4S	3W	DUCHESNE	10/7/2010	
Duplicate - processed 10/12/10											
A	99999	17820	4304751122	UTE TRIBAL 9-10-4-1E	NESE	10	4S	1E	UINTAH	10/13/2010	10/19/10
GRRV PAOL 10/18/10 See 43-047-51326											
B	99999	17400	4301350051	FEDERAL 15-25-8-15	SWSE	25	8S	15E	DUCHESNE	10/19/2010	10/19/10
GRRV											
B	99999	17400	4301334124	JONAH FEDERAL P-14-9-16	SESE	14	9S	16E	DUCHESNE	10/19/2010	10/19/10
WELL 5 COMMENTS: GRRV											
A	99999	17820	4304751326	UTE TRIBAL 9A-10-4-1E	NESE	10	4S 9S	1E	UINTAH	10/18/2010	10/28/10
WELL 5 COMMENTS: GRRV rigskid from 43047-51122											

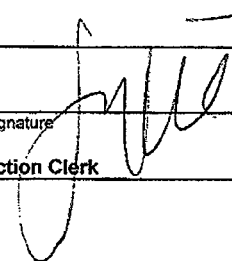
ACTION CODES (See instructions on back of form)

- A - new entity for new well (single well only)
- B - well to existing entity (group or unit well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - ther (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

RECEIVED  
OCT 19 2010

DIV. OF OIL, GAS & MINING

Signature  Jentri Park  
Production Clerk  
Date 10/19/10

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

## 1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

## 2. Name of Operator

NEWFIELD PRODUCTION COMPANY

## 3a. Address

Route 3 Box 3630  
Myton, UT 84052

## 3b. Phone (include area code)

435.646.3721

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

0660 FSL 1983 FEL

SWSE Section 25 T8S R15E

## 5. Lease Serial No.

UTU-67168

## 6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or  
GMBU

## 8. Well Name and No.

FEDERAL 15-25-8-15

## 9. API Well No.

4301350051

## 10. Field and Pool, or Exploratory Area

GREATER MB UNIT

## 11. County or Parish, State

DUCHESNE, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 10/22/10 MIRU Ross spud rig #29. Drill 350' of 12 1/4" hole with air mist. TIH W/8 Jt's 8 5/8" J-55 24# csgn. Set @ 349.15.  
On 11/2/10 Cement with 180 sks of Class "G" w/ 2% CaCl+ 1/4# Cello Flake. Mixed @ 15.8 ppg> 1.17 cf/sk yield. Returned 5 bbls cement to pit.

I hereby certify that the foregoing is true and  
correct (Printed/ Typed)

Johnny Davis

Signature

Title

Drilling Foreman

Date

11/03/2010

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by \_\_\_\_\_

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or  
certify that the applicant holds legal or equitable title to those rights in the subject lease  
which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United  
States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**RECEIVED****NOV 17 2010**

DIV. OF OIL GAS &amp; MINERAL

## NEWFIELD PRODUCTION COMPANY - CASING &amp; CEMENT REPORT

8 5/8"	CASING SET AT	349.15
--------	---------------	--------

LAST CASING SET AT \_\_\_\_\_

DATUM 12

DATUM TO CUT OFF CASING

DATUM TO BRADENHEAD FLANGE

 TD DRILLER | 350 | LOGGER |  |

HOLE SIZE **12 1/4"**

OPERATOR Newfield Exploration Company

WELL **FEDERAL 15-25-8-15**

FIELD/PROSPECT MB

CONTRACTOR & RIG # **Ross # 29**

## LOG OF CASING STRING:

[illegible]

CASING INVENTORY BAL.	FEET	JTS	TOTAL LENGTH OF STRING	339.15
TOTAL LENGTH OF STRING	339.15	8	LESS CUT OFF PIECE	2
LESS NON CSG. ITEMS	1.85		PLUS DATUM TO T/CUT OFF CSG	12
PLUS FULL JTS. LEFT OUT	0		CASING SET DEPTH	<b>349.15</b>
TOTAL	337.3	8	} COMPARE	
TOTAL CSG. DEL. (W/O THRDS)	337.3	8		
TIMING				
BEGIN RUN CSG. Spud	2:00 PM	10/19/2010	GOOD CIRC THRU JOB	Yes
CSG. IN HOLE	3:00 PM	10/19/2010	Bbls CMT CIRC TO SURFACE	5
BEGIN CIRC	7:49 AM	11/2/2010	RECIPROCATED PIPI	No
BEGIN PUMP CMT	8:03 AM	11/2/2010		
BEGIN DSPL. CMT	8:15 AM	11/2/2010	BUMPED PLUG TO	400
PLUG DOWN	8:23 AM	11/2/2010		

[illegible]

COMPANY REPRESENTATIVE

## Johnny Davis

DATE 11/2/2010

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-67168
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: GMBU
4. LOCATION OF WELL: FOOTAGES AT SURFACE:		8. WELL NAME and NUMBER: FEDERAL 15-25-8-15
OTR/OTR. SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE, 25, T8S, R15E		9. API NUMBER: 4301350051
		10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON	
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 12/06/2010	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report	
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 12-06-10, attached is a daily completion status report.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Administrative Assistant  
SIGNATURE  DATE 12/06/2010

(This space for State use only)

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DIV. OF OIL, GAS & MINING

**Daily Activity Report**

Format For Sundry

**FEDERAL 15-25-8-15****10/1/2010 To 2/28/2011****11/22/2010 Day: 1****Completion**

Rigless on 11/22/2010 - Ran CBL & perforated 1st stage. SWIFN w/ 153 BWTR. - NU frac head & Cameron BOP's. RU Hot oiler & test casing, frac head, frac valves & BOP to 4500 psi. RU WLT w/ mast & pack off tool. Run CBL under pressure. WLTD was 6381' w/ TOC @ 270'. RIH w/ 3 1/8" ported guns & perforate CP5 sds @ 6102- 05' & CP4 sds @ 6014- 18' w/ (11 gram, .36"EH, 16.82¢ pen. 120°) 3 spf for total of 21 shots. RD WLT & Hot Oiler. SIWFN w/ 153 BWTR.

**Daily Cost:** \$0**Cumulative Cost:** \$14,947**11/30/2010 Day: 2****Completion**

Rigless on 11/30/2010 - Frac & flowback well. - MIRU BJ Services frac equipment & The Perforators WLT & crane. Frac stg #1. Perforate & frac stgs #2 - 5. RD BJ & WLT. EWTR 1995 BBLS. RU flowback equipment. Open well to pit for immediate flowback @ approx 3 BPM. Flowback well for 5 hrs to recover 750 BBLS. Turned to oil. ISIP 100 psi. After 20 min 500 psi. SWIFN. EWTR 1245 BBLS

**Daily Cost:** \$0**Cumulative Cost:** \$99,973**12/2/2010 Day: 3****Completion**

Rigless on 12/2/2010 - Set kill plug - CSG 600 psi. Hot oiler thawed wellhead & pumped 30 bw down CSG @ 250°. MIRU The Perforators WLT & crane. RIH w/ wireline & set composite kill plug @ 4650'. POOH w/ wireline. RD HO truck, WLT & crane. Wait on rig for completion. EWTR 1275 BBLS.

**Daily Cost:** \$0**Cumulative Cost:** \$143,520**12/3/2010 Day: 4****Completion**

Rigless on 12/3/2010 - Drill out plugs - Open well. CSG 0 psi. ND Cameron BOP & frac head. MU production head & nipple up Nabors BOP. RU workfloor. Prep & tally tbq. MU 4 3/4" Weatherford chomp bit, bit sub, & PSN. TIH picking up tbq. Get in hole w/ 148 jts tbq. Tag kill plug @ 4650'. RU power swivel & pump lines. Drill out plug. Continue picking up tbq to tag next CBP @ 4770'. No sand. Drill out plug. Continue picking up tbq tag sand @ 5300'. Clean out sand to CBP @ 5310'. Drill out plug. Continue picking up tbq to tag next CBP @ 5490'. No sand. Drill out plug. Circulate clean. RD power swivel. Drain pump & lines. SDFN. EWTR 1275 BBLS.

**Daily Cost:** \$0**Cumulative Cost:** \$156,833**12/4/2010 Day: 5****Completion**

Nabors #809 on 12/4/2010 - Drill out last plug. Clean out to PBTD. Flow well - Hot oiler



Thawed BOP & wellhead. Open well. CSG 2000 psi. TBG 150 psi. Continue picking up tbg to tag sand @ 5898'. 62' sand. Clean out sand to CBP @ 5960'. Drill out plug. Continue picking up tbg to tag sand @ 6345'. 71' sand. Clean out sand to PBTD 6416'. Circulate clean. TOOH w/ 4 js tbg. RU swab equipment. RIH w/ swab. IFL @ surface. Make 5 swab runs to recover 45 bw. Well started to flow. RD swab. Flow well to flat tank for 45 min to recover 115 BBLS. No sand. Good oil. RU tbg to flow up flowline for night. SDFN EWTR 1115 BBLS

**Daily Cost:** \$0

**Cumulative Cost:** \$162,661

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**12/6/2010 Day: 6**

**Completion**

Nabors #809 on 12/6/2010 - Kill well. POOH w/ tbg. RIH w/ production string. ND BOP. RIH w/ rods. PWOP @ 5:00 p.m. 120" stroke length, 4.5 SPM. Final Report. 0 BWTR. - Circulate well w/ 190 bbls 10# brine. RIH w/ tbg. Tag PBTD @ 6416' (no new fill). POOH w/ tbg. LD BHA. RIH w/ production string. ND BOP. Set TAC w/ 18,000# tension. NU wellhead. X-over for rods. Flush tbg. w/ 60 bbls water. RIH w/ Central Hydraulic 2 1/2" x 1 1/2" x 20' x 24' RHAC rod pump, 6- 1 1/2" weight bars, 19- 3/4" guided rods, 119- 3/4" slick rods, 99- 7/8" guided rods, 1 1/2" x 26' polished rod. Seat pump. Fill tbg. w/ 8 bbls water. RU pumping unit. Hang off rods. Stroke test to 800 psi. Good pump action. RD. PWOP @ 5 p.m. 120" stroke length, 4.5 SPM. Final Report. 0 BWTR. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$199,516

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**Pertinent Files: Go to File List**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other						5. Lease Serial No. UTU-67168			
b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other: _____						6. If Indian, Allottee or Tribe Name			
2. Name of Operator NEWFIELD EXPLORATION COMPANY						7. Unit or CA Agreement Name and No.			
3. Address 1401 17TH ST. SUITE 1000 DENVER, CO 80202						8. Lease Name and Well No. Federal 15-25-8-15			
3a. Phone No. (include area code) (435)646-3721						9. AFI Well No. 43-013-50051			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 600' FSL & 1983' FEL (SW/SE) SEC.25, T8S, R15 At top prod. interval reported below At total depth 6447'						10. Field and Pool or Exploratory Greater Monument Butte			
						11. Sec., T., R., M., on Block and Survey or Area SEC.25, T8S, R15			
						12. County or Parish DUCESNE		13. State UT	
14. Date Spudded 10/19/2010		15. Date T.D. Reached 11/11/2010		16. Date Completed 12/04/2010 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* 5744 GL 5756' KB			
18. Total Depth: MD 6447' TVD		19. Plug Back T.D.: MD 6412' TVD		20. Depth Bridge Plug Set: MD TVD					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) DUAL IND GRD, SP, COMP. DENSITY, COMP. NEUTRON, GR, CALIPER, CMT BOND						22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)			
23. Casing and Liner Record (Report all strings set in well)									
1/2 Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	337.3'	349.15'		180 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	6425.36'	6438.61		270 PRIMLITE		270'	
						410 50/50 POZ			
24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2-7/8"	EOT@ 6977'	TA @ 6882'							
25. Producing Intervals					26. Perforation Record				
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status	
A) Green River		4699	6018	4699-6018		.36"	126		
B)									
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
Green River		Frac w/ 158164#s of 20/40 sand in 1425 bbls of Lightning 17 fluid # 5 stages.							
28. Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
12-5-10.	12-20-10	24	→	11.66	164.24	33.33			2-1/2" x 1-1/2" x 20' x 24' RHAC Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
2-7/8"			→					PRODUCING	
28a. Production - Interval B									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

\*(See instructions and spaces for additional data on page 2)

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## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

## 29. Disposition of Gas (Solid, used for fuel, vented, etc.)

SOLD AND USED FOR FUEL

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

## GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Green River	4699	6018		GARDEN GULCH MRK	3864
				GARDEN GULCH 1	4094
				GARDEN GULCH 2	4214
				POINT 3	4489
				X MRKR	4760
				Y MRKR	4795
				DOUGALS CREEK MRK	4911
				BI CARBONATE MRK	5161
				B LIMESTON MRK	5288
				CASTLE PEAK	5809
				BASAL CARBONATE	6229
				WASATCH	6361

## 32. Additional remarks (include plugging procedure):

## 33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☒ Other: Drilling Daily Activity

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Monica BradleyTitle Office Services AssistantSignature monica BradleyDate 12/26/2010

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**Daily Activity Report**

Format For Sundry

**FEDERAL 15-25-8-15****9/1/2010 To 1/30/2011****FEDERAL 15-25-8-15****Waiting on Cement & Rig # 3****Date:** 11/2/2010

Ross #29 at 350. Days Since Spud - Notifications made by Email - 337.30' of 8 5/8" J55 24# ST&C Csg. /Land @ 349.15' KB/On 11/2/11 BJ cemented Csg. With 180 sks - Class G +2% CACL+.25#/sk Cello flake/ 5 bbls cmt to pit - On 10/19/10 @ 8:00 AM Ross # 29 Spud the Fed. 15-25-8-15/Drill 350' of 12 1/4" hole/PU & run 8 jts

**Daily Cost:** \$0**Cumulative Cost:** \$66,346**FEDERAL 15-25-8-15****Rigging down****Date:** 11/7/2010

NDSI #3 at 350. 0 Days Since Spud - Rig down and prepare to move to the Federal 15-25-8-15 from the Federal 16-26-8-15 with - R.W. Jones Trucking starting at 7 am on 11/7/10. All BLM notifications sent via email. - Transfer 4 joints 5-1/2" casing from the Federal 16-26-8-15 to the Federal 15-25-8-15.

**Daily Cost:** \$0**Cumulative Cost:** \$73,296**FEDERAL 15-25-8-15****Drill 7 7/8" hole with fresh water****Date:** 11/8/2010

NDSI #3 at 2067. 1 Days Since Spud - Rig up B&C Quick Test and pressure test pipe rams, blind rams, choke line, choke manifold, upper - Move rig with R.W. Jones Trucking from the Federal 16-26-8-15. - kelly cock, and safety valve to 2000 psi for 10 minutes. Pressure test surface casing to 1500 psi - for 30 minutes. All tested good. Filled choke manifold with methanol. - Make up and scribe PayZone directional tools. - Work on air line to kelly spinner. - Pick up BHA including Smith MI616 bit and Hunting 0.33 rev/gal MM. Tag cement at 307'. - Install rotating rubber and drive bushings. - Drill 7-7/8" hole from 1027' to 2067' with 20 klbs WOB, 190 total RPM, and 138 ft/hr avg ROP. - Drill 7-7/8" hole from 307' to 1027' with 20 klbs WOB, 190 total RPM, and 205 ft/hr avg ROP.

**Daily Cost:** \$0**Cumulative Cost:** \$101,596**FEDERAL 15-25-8-15****Drill 7 7/8" hole with fresh water****Date:** 11/9/2010

NDSI #3 at 4147. 2 Days Since Spud - Drill 7-7/8" hole from 2067' to 3139' with 20 klbs WOB, 180 total RPM, and 119 ft/hr avg ROP. - BOP drill held by both crews. - Drill 7-7/8" hole from 3139' to 4147' with 22 klbs WOB, 186 total RPM, and 70 ft/hr avg ROP. - Service rig. Function test crown-o-matic.

**Daily Cost:** \$0**Cumulative Cost:** \$122,786**FEDERAL 15-25-8-15****Drill 7 7/8" hole with fresh water****Date:** 11/10/2010

NDSI #3 at 5722. 3 Days Since Spud - BOP drill held on both crews. No flow at 4714' or 5501'. - Drill 7-7/8" hole from 4714' to 5722' with 20 klbs WOB, 198 total RPM, and 70 ft/hr avg ROP. - Service rig. Function test crown-o-matic, change out saver sub, and adjust brakes.

- Drill 7-7/8" hole from 4147' to 4714' with 25 klbs WOB, 178 total RPM, and 63 ft/hr avg ROP.

**Daily Cost:** \$0

**Cumulative Cost:** \$162,696

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**FEDERAL 15-25-8-15****Running casing**

**Date:** 11/11/2010

NDSI #3 at 6447. 4 Days Since Spud - Finish laying down drill pipe and BHA. - Pump 130 bbls of brine. No flow after pumping brine. - Circulate and condition well to lay down drill pipe. - Drill 7-7/8" hole from 5722' to 6450' with 25 klbs WOB, 180 total RPM, and 73 ft/hr avg ROP. - Rig up PSI and run DISGL/SP/GR suite from logger's TD (6446') to surface casing. Run DSN/SDL/GR/CAL - suite log from logger's TD (6446') to 3000'. - Rig up B&C Quick Test and pressure test casing rams to 2000 psi for 10 minutes. - Rig up QT Casing Crew and start running 5-1/2" J-55 LTC 15.5# production casing. - Lay down drill pipe to 2500'.

**Daily Cost:** \$0

**Cumulative Cost:** \$206,840

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**FEDERAL 15-25-8-15****Rigging down**

**Date:** 11/12/2010

NDSI #3 at 6447. 5 Days Since Spud - Clean mud tanks - ND BOP's & set Csg. Slips with 115,000# tension - 410 sks 50:50:2+3%KCL+0.5%EC-1+.25#CF+.05#SF+.3SMS+FP-6L/14.4ppg/1.24 yield/15 bbl to pit - Finish running 5 1/2" J55 15.5# LT&C Csg 153 jts. /Tag @ 6450'/Land @ 6438.61" - Circ. With rig pump & RU BJ - Pump 270 sks PLII+3% KCL+5#CSE+0.5#CF+2#KOL+.5SMS+FP+SF/11ppg/3.53Yield/Followed by - Release rig @ 4:30 PM 11/11/10 **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$327,264

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**Pertinent Files:** Go to File List

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED  
OMB No. 1004-0137  
Expires July 31, 2010

5. Lease Serial No.  
UTU-67168

6. If Indian, Allottee or Tribe Name  
NA

7. If Unit or CA Agreement, Name and No.  
~~NA~~ Greater Monument Butte

8. Lease Name and Well No.  
Federal 15-25-8-15

9. API Well No.  
43 013 50051

10. Field and Pool, or Exploratory  
Monument Butte

11. Sec., T. R. M. or Blk. and Survey or Area  
Sec. 25, T8S R15E

12. County or Parish  
Duchesne

13. State  
UT

1a. Type of work: ☒ DRILL ☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

2. Name of Operator Newfield Production Company

3a. Address Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)  
(435) 646-3721

4. Location of Well (Report location clearly and in accordance with any State requirements.)\*

At surface SW/SE 660' FSL 1983' FEL

At proposed prod. zone

14. Distance in miles and direction from nearest town or post office\*  
Approximately 11.7 miles southwest of Myton, UT

15. Distance from proposed\*  
location to nearest  
property or lease line, ft. Approx. 660' f/lse, NA' f/unit  
(Also to nearest drig. unit line, if any)

16. No. of acres in lease  
2500.00

17. Spacing Unit dedicated to this well  
40 Acres

18. Distance from proposed location\*  
to nearest well, drilling, completed,  
applied for, on this lease, ft. Approx. 1264'

19. Proposed Depth  
6,445'

20. BLM/BIA Bond No. on file  
WYB000493

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
5744' GL

22. Approximate date work will start\*  
4th Qtr. 2009

23. Estimated duration  
(7) days from SPUD to rig release

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

1. Well plat certified by a registered surveyor.

2. A Drilling Plan.

3. A Surface Use Plan (if the location is on National Forest System Lands, the  
SUPO must be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see  
Item 20 above).

5. Operator certification

6. Such other site specific information and/or plans as may be required by the  
BLM.

25. Signature *Mandie Crozier*

Name (Printed/Typed)  
Mandie Crozier

Date  
6/15/09

Title  
Regulatory Specialist

Approved by (Signature) *James H. Sparger*  
Title ACTING Assistant Field Manager  
Lands & Mineral Resources

Name (Printed/Typed)  
James H. Sparger  
Office VERNAL FIELD OFFICE

Date  
FEB 15 2010

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to  
conduct operations thereon.

Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United  
States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

\*(Instructions on page 2)

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FEB 17 2010

JUN 30 2009

NOS 12/4/08

NOTICE OF APPROVAL

DIV. OF OIL, GAS & MINING

BLM VERNAL, UTAH AFMSS# 09SX50278A

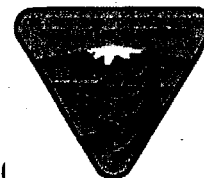


UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4401



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

Company:	Newfield Production Company	Location:	SWSE, Sec. 25, T8S, R15E
Well No:	Federal 15-25-8-15	Lease No:	UTU-67168
API No:	43-013-50051	Agreement:	Greater Monument Butte Unit

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings to: <a href="mailto:ut_vn_opreport@blm.gov">ut_vn_opreport@blm.gov</a> .
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)***

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 gms of NO<sub>x</sub> per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO<sub>x</sub> per horsepower-hour.
- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

**CONDITIONS OF APPROVAL:**

Federal 1-25-8-15, Federal 2-25-8-15, Federal 4-25-8-15, Federal 5-25-8-15, Federal 6-25-8-15, Federal 7-25-8-15, Federal 8-25-8-15, Federal 9-25-8-15, Federal 10-25-8-15, Federal 11-25-8-15, Federal 12-25-8-15, Federal 13-25-8-15, Federal 14-25-8-15, Federal 15-25-8-15, and Federal 16-25-8-15:

- Construction and drilling is not allowed from May 1<sup>st</sup> – June 15<sup>th</sup> to minimize impacts during Mountain plover nesting.
- If it is anticipated that construction or drilling will occur during the given timing restriction, a BLM or qualified biologist shall be notified so surveys can be conducted. Depending upon the results of the surveys, permission to proceed may or may not be recommended or granted by the BLM biologist.

Federal 1-25-8-15, Federal 2-25-8-15, Federal 3-25-8-15, Federal 4-25-8-15, Federal 5-25-8-15, Federal 6-25-8-15, Federal 7-25-8-15, Federal 8-25-8-15, Federal 9-25-8-15, Federal 10-25-8-15, Federal 11-25-8-15, Federal 12-25-8-15, Federal 13-25-8-15, Federal 14-25-8-15, Federal 15-25-8-15, and Federal 16-25-8-15:

**Reclamation**

- Reclamation will be completed in accordance with the Newfield Exploration Company Castle Peak and Eight Mile Flat Reclamation Plan on file with the Vernal Field Office of the BLM.



**Seed Mix (Interim and Final Reclamation)**

Common name	Latin name	lbs/acre	Recommended seed planting depth
Squirreltail grass	<i>Elymus elymoides</i>	2.0	1/4 - 1/2"
Bluebunch wheatgrass	<i>Pseudoroegneria spicata</i>	1.0	1/2"
Shadscale saltbush	<i>Atriplex confertifolia</i>	2.0	1/2"
Four-wing saltbush	<i>Atriplex canescens</i>	3.0	1/2"
Gardner's saltbush	<i>Atriplex gardneri</i>	1.0	1/2"
Scarlet globemallow	<i>Sphaeralcea coccinea</i>	1.0	1/8 - 1/4"

- All pounds are pure live seed.
- All seed and mulch will be certified weed free.
- Rates are set for drill seeding; double rate if broadcasting.

**Monitoring and Reporting**

- The operator shall submit a Sundry Notice (Form 3160-5) to the BLM Authorized Officer (AO) that designates the proposed site-specific monitoring and reference sites chosen for the location. A description of the proposed sites shall be included, as well as a map showing the locations of the proposed sites.
- The operator shall submit a Sundry Notice (Form 3160-5) to the BLM Authorized Officer (AO) 3 growing seasons after reclamation efforts have occurred evaluating the status of the reclaimed areas in order to determine whether the BLM standards set forth in the Green River District Reclamation Guidelines have been met (30% or greater basal cover).

***DOWNHOLE PROGRAM  
CONDITIONS OF APPROVAL (COAs)***

**SITE SPECIFIC DOWNHOLE COAs:**

- Newfield Production Co. shall adhere to all referenced requirements in the SOP (version: June 24, 2008) ) along with all Oil and Gas rules and requirements listed in the Code of Federal Regulations and all Federal Onshore Oil and Gas Orders.

**All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to.** The following items are emphasized:

**DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.

- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Wellogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

## **OPERATING REQUIREMENT REMINDERS:**

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (1/4, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.